

PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 6

**Complete if Known**

Application Number	10/613,208
Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

U.S. PATENT DOCUMENTS						
Examiner	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
KOF	AA	US Patent Application No. 10/092,789. Filed March 7, 2002. U. S. Publication No. 2003/0028917 (Abandoned) (Copies of Office Actions Dated 8/19/03 and 1/28/04 are attached).		02-13-2003	Hennick et al.	
	AB	US Patent Application No. 10/093,136. Filed March 7, 2002. U. S. Publication No. 2003/0062413 (Allowed) (Copy of Office Action Dated 7/11/03 attached).		04-03-2003	Gardiner et al.	
	AC	US Patent Application No. 10/093,140. Filed March 7, 2002. U. S. Publication No. 2003/0018934 (Abandoned) (Copies of Office Actions Dated 8/6/03 and 3/1/04 are attached).		01-30-2003	Hunter et al.	
	AD	US Patent Application No. 10/093,135. Filed March 7, 2002. U. S. Publication No. 2003/0089776A1 (Copies of Office Actions dated 8/27/03, 1/05/04, 3/24/04 and 4/30/04 are attached as well as Notice of Allowability dated 9/29/04 and 11/09/04 Office Action)		05-15-2003	Hennick et al.	
	AE	US Patent Application No. 10/093,167. Filed March 7, 2002. U. S. Publication No. 2003/0034394 (Abandoned) (Copy of Office Action Dated 7/17/03 attached).		02-20-2003	Gannon et al.	
	AF	US Patent Application No. 09/411,936. Filed October 4, 1999. (Copies of Office Actions dated 1/31/02, 10/07/02, 04/09/03, 12/18/03, and 08/12/04 attached)		Filed 10/04/1999	Barber et al.	
	AG	US Patent Application No. 10/613,208. Filed July 3, 2003. (Copy of Office Action dated 12/02/04 attached)		Filed 07-03-2003	Barber et al.	
KOF	AH	US Patent Application No. 09/802,579. Filed March 8, 2001. U. S. Patent No. 6,601,768 B2. (Copies of Office Actions dated 10/16/01, 04/10/02, and 10/23/02 are attached as well as copies of Notices of Allowability dated 2/14/03, 3/6/03 and 4/1/03)		Issued 08/05/2003	McCall et al.	

Examiner  
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Considered

6/23/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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KOF	AI	US Patent Application No. 10/445,524. Filed May 27, 2003. U. S. Publication No. 2003/0213847. (Abandoned) (Copies of Office Actions dated 2/23/04 and 5/28/04 attached)	11-20-2003	McCall et al.	
	AJ	US-4,092,698	05-30-1978	Brefka	
	AK	US-4,158,194	06-12-1979	McWaters et al.	
	AL	US-4,315,245AA	02-09-1982	Sumitomo Electric Industries, Ltd.	
	AM	US-4,471,384	09-11-1984	Fujitsu Limited	
	AN	US-4,818,847A	04-04-1989	Nippondenso Co., Ltd.	
	AO	US-4,847,490	07-11-1999	Sumitomo Electric Industries, Ltd.	
	AP	US-5,010,241	04-23-1991	Hewlett-Packard Company	
	AQ	US-5,019,699	05-28-1991	Norand Corporation	
	AR	US-5,059,778	10-22-1991	Mars Incorporated	
	AS	US-5,132,525	07-21-1992	Jerome Swartz	
	AT	US-5,280,162	01-18-1994	Symbol Technologies, Inc.	
	AU	US-5,331,176	07-19-1994	San' Anselmo et al.	
	AV	US-5,359,185	10-25-1994	Norand Corporation	
	AW	US 5,420,411	05-30-1995	Salatto et al.	
	AX	US-5,468,950	11-21-1995	Norand Corporation	
	AY	US-5,473,149	12-05-1995	Miwa et al.	
	AZ	US-5,504,317	04-02-1996	Takahashi	
	BA	US 5,504,367	04-02-1996	Arackelian et al.	
	BB	US-5,510,607	04-23-1996	Kabushiki Kaisha TEC	
	BC	US-5,550,366	08-27-1996	Roustaei	
	BD	US-5,572,006A	11/05/1996	Metanetics Corporation	
	BE	US-5,598,007	01-28-1997	Bunce et al.	
	BF	US-5,703,349	12-30-1997	Metanetics Corporation	
	BG	US-5,734,153	03-31-1998	Symbol Technologies, Inc.	
	BH	US-5,738,725	02-02-2002	Danielson	
	BI	US-5,743,633	04-28-1998	Chau et al.	
	BJ	US-5,750,978	05-12-1998	Eastman et al.	
	BK	US-5,756,981	05-26-1998	Symbol Technologies, Inc.	
	BL	US-5,763,864	06-09-1998	Meta Holding Corporation	
	BM	US-5,783,811	07-21-1998	Feng et al.	
	BN	US-5,793,033	08-11-1998	Feng	
	BO	US-5,818,028	10-06-1998	Telxon Corporation	
	BP	US-5,821,513	10-13-1998	O'Hagan et al.	
	BQ	US-5,837,985A	11-17-1998	Welch Allyn, Inc.	
	BR	US-5,850,078	12-15-1998	Telxon Corporation	

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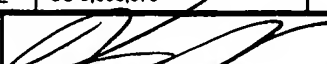
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Sheet **3** of **6****Complete if Known**

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Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

U.S. PATENT DOCUMENTS					
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KDF	BS	US-5,872,354	02-15-1999	Hanson	
	BT	US-5,850,078A	12-15-1998	Symbol Technologies, Inc.	
	BU	US-5,877,487	03-02-1999	Tani et al.	
	BV	US-5,886,338	03-23-1999	Arackellian et al.	
	BW	US-5,894,348A	04-13-1999	Kensington Laboratories, Inc.	
	BX	US-5,912,451	06-15-1999	Symbol Technologies, Inc.	
	BY	US-5,917,171A	06-29-1999	Matsushita Electric Industrial Co., Ltd.	
	BZ	US-5,920,061	07-06-1999	Metanetics Corporation, Inc.	
	CA	US-5,942,743	08-24-1999	Schmidt et al.	
	CB	US-5,949,057	09-07-1999	Feng	
	CC	US-5,992,744	11-30-1999	Smith et al.	
	CD	US-5,992,751	11-30-1999	Norand Corporation	
	CE	US-5,992,753	11-30-1999	Metanetics Corporation	
	CF	US-6,019,286A	02-01-2000	Metanetics Corporation	
	CG	US-6,029,893A	02-29-2000	Symbol Technologies, Inc.	
	CH	US-6,034,379	03-07-2000	Bunte et al.	
	CI	US-6,039,255A	03-21-2000	Asahi Kogaku Kogyo Kabushiki Kaisha	
	CJ	US-6,042,013	03-28-2000	Fork	
	CK	US-6,045,047A	04-04-2000	Welch Allyn Data Collection, Inc.	
	CL	US-6,060,722	05-09-2000	Havens et al.	
	CM	US-6,062,475	05-16-2000	Feng	
	CN	US-6,092,728A	07-25-2000	Symbol Technologies, Inc.	
	CO	US-6,105,869	08-22-2000	Scharf et al.	
	CP	US-6,119,939	09-19-2000	Welch Allyn, Inc.	
	CQ	US 6,123,283	09-26-2000	Feng	
	CR	US-6,129,276A	10-10-2000	Telxon Corporation	
	CS	US-6,164,544	12-26-2000	Schwartz et al.	
	CT	US-6,168,079B1	01-02-2001	Telxon Corporation	
	CU	US-6,179,208B1	01-30-2001	Metanetics Corporation	
	CV	US-6,223,986B1	05-01-2001	PSC Scanning, Inc.	
	CW	US-6,275,388	08-14-2001	Hennick et al.	
	CX	US-6,283,374B1	09-04-2001	Robotic Vision Systems, Inc.	
	CY	US-6,315,204	11-13-2001	Knighton et al.	
CZ	US-6,332,573	12-25-2001	Gu et al.		
DA	US-6,340,114	01-01-2001	Correa et al.		
DB	US-6,347,163	02-12-2002	Roustaei		
DC	US-6,360,949	03-26-2002	Shepard et al.		
DD	US-6,371,374	04-16-2002	Welch Allyn, Inc.		
DE	US-6,550,679	04-22-2003	Hand Held Products, Inc.		
Examiner Signature			Date Considered	6/23/05	

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Sheet **4** of **6****Complete If Known**

Application Number	10/613,208
Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KDF	DF	US-6,601,768	08-05-2003	McCall et al.	
	DG	US-6,607,128	08-19-2003	Welch Allyn, Inc.	
	DH	US-6,634,558	10-21-2003	Patel et al.	
KDF	DI	US-6,669,093	12-30-2003	Meyerson et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
KDF	DJ	EP	0 431 831	A1	06/12/1991	NCR Corporation		
	DK	EP	0 548 951	A2	06/30/1993	Symbol Technologies, Inc.		
	DL	EP	0 905 537	A1	03/31/1999	Canon Kabushiki Kaisha		
	DM	EP	0 944 017	A2	09/22/1999	Symbol Technologies, Inc.		
	DN	EP	1 079 466	A2	02/28/2001	Sony Computer Entertainment Inc.		
	DO	DE	1240 149	B	05/11/1967	IRC, Inc.	English Translation Unavailable	
	DP	DE	1 233 038	B	01/26/1967	Siemens Aktiengesellschaft	English Translation Unavailable	
	DQ	DT	24 45727	A1	09/25/1974	Pitney-Bowes, Inc.	English Translation Unavailable	
	DR	EP	0 516 927	A2	12/09/1992	Data Logic optik Elektronik GmbH		
	DS	EP	0 974 924	A2	01/26/2000	Eastman Kodak Company		
	DT	EP	1 128 315	A1	08/29/2001	Datalogic S.P.A.		
	DU	EP	1 128 314	A1	08/29/2001	Datalogic S.P.A.		
	DV	EP	1 111 538	A1	06/27/2001	Datalogic S.P.A.		
	DW	JP	04-367085		12/18/1992	NIYUURON:KK	Abstract Attached	
	DX	JP	09-035856		02/07/1997	Tokai Konetsu Kogyo Co Ltd	Translated Abstract, Claims, Detailed Description and Drawings Attached	
	DY	JP	05-096227		04/20/1993	Canon Inc.	Translated Abstract, Claims, Detailed Description and Figures Attached	
	DZ	JP	02-041496		02/09/1990	W R Grace & Co	Abstract Attached	
	EA	JP	07-011842		01/13/1995	Toyota Motor Corp	Translated Abstract, Claims, Detailed Description and Figures Attached	
	EB	JP	56-101256		08/13/1981	NEC Corp	Abstract Attached	
KDF	EC	JP	56-151140		11/24/1981	Sintokogio Ltd	Abstract Attached	

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		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<b>KOF</b>	ED	JP	54-021869		02/19/1979		English Translation Unavailable	
	EE	JP	54-021871		02/19/1979	Seiko Instr & Electronics Ltd	Abstract Attached	
	EF	JP	64-086220		03/03/1989	NEC Corp	Abstract Attached	
	EG	JP	54-109425		08/28/1979		English Translation Unavailable	
	EH	JP	61-231912		10/16/1986		English Translation Unavailable	
	EI	WO	01/13158	A1	02/22/2001	Symbol Technologies, Inc.		
	EJ	WO	01/26035	A2	04/12/2001	PSC Scanning, Inc.		
	EK	WO	97/15024	A1	04/24/1997	META Holding Corporation		
	EL	WO	94/27250	A1	11/24/1994	Norand Corporation		
	EM	WO	97/28512	A1	08/07/1997	PSC Inc.		
<b>KOF</b>	EN	WO	99/41545		08/19/1999	The Research Foundation of State University of New York		

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Attorney Docket Number	283-263 Con

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KCF	EO	PCT International Search Report. International App. #PCT/US02/07161. International Filing Date 8/3/02. International Pub. #WO 02/073953A2. (International Search Report, International Publication, PCT Written Opinion & Inter. Prelim. Exam Report att.)	
J	EP	PCT International Search Report. International App. #PCT/US00/27289. International Filing Date 10/4/00. International Pub. #WO 01/026036A3. (International Search Report, International Publication, PCT Written Opinion & Inter. Prelim. Exam Report att.)	
↓	EQ	The State Intellectual Property Office Of The People's Republic of China. China Application No. 00815975.0 filed October 4, 2000. (Copy of August 2, 2004 First Office Action attached).	
KDP	ER	WELCH ALLYN DATA COLLECTION, INC. (D/B/A HAND HELD PRODUCTS), IMAGETEAM (TM) 4250 2D Series Image Engine Integration Manual. Revision A dated June 20, 2000. Published in Skaneateles Falls, NY.	

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Art Unit	2876
Examiner Name	Karl D. Frech

Sheet 1 of 1

Attorney Docket Number 283-263 Con

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KDF	AA	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC., ERIC R. FOSSUM, "Digital Camera System on a Chip," Reprint, IEEE Micro, Volume 18, Number 3, May/June 1998, 9 pages	
	AU		
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Examiner Signature		Date Considered	6/23/05
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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